

FIG. 1

Downlink to User J

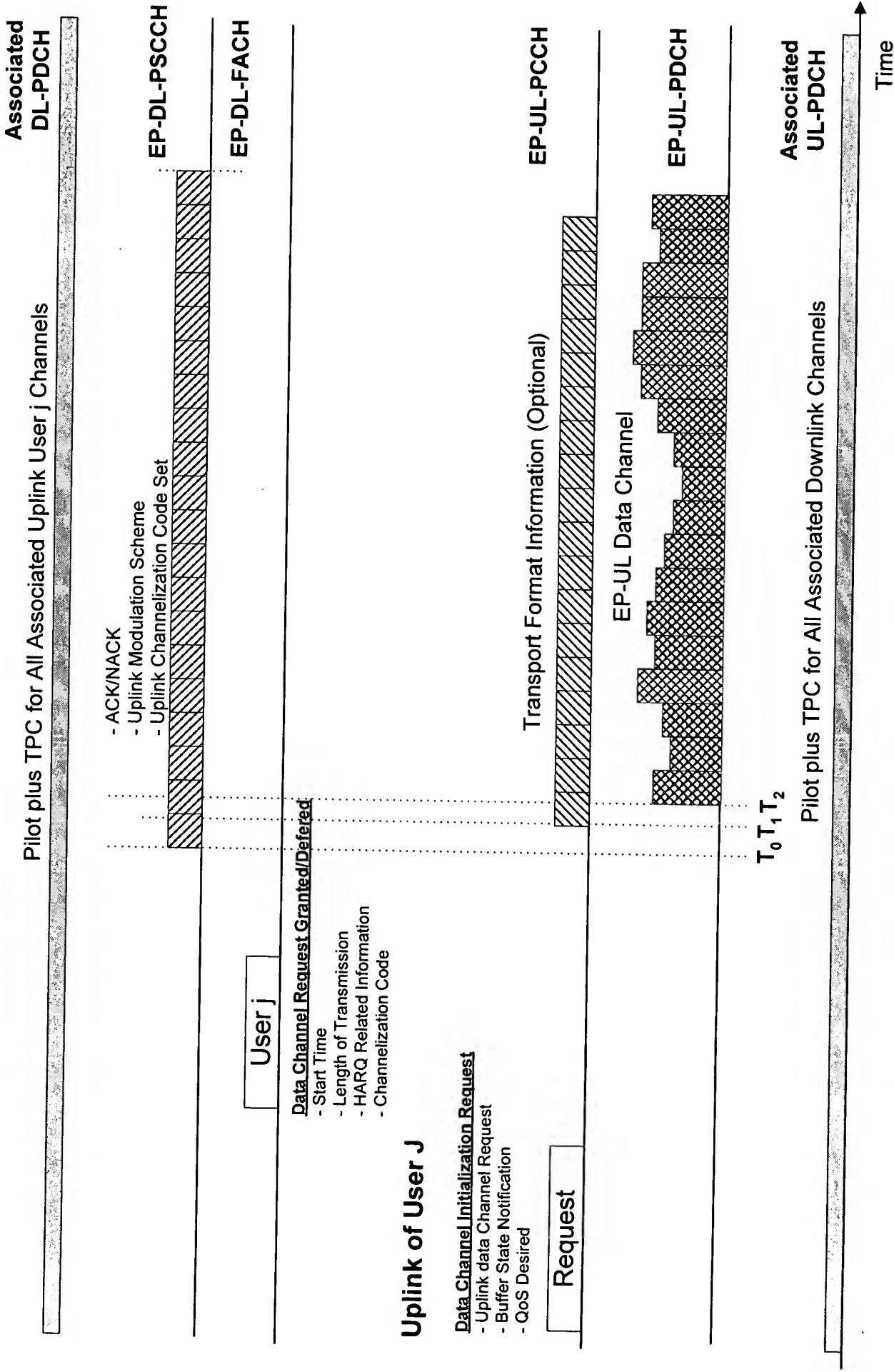
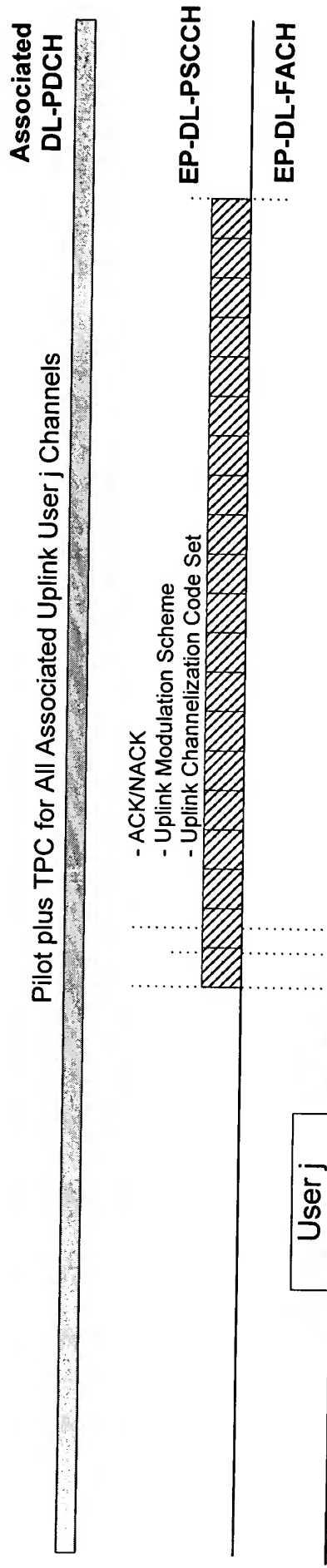


Fig. 2 EP-UL Packet Transfer Protocol (PTP)

Downlink to User J



Data Channel Request Granted/Deferred

- Start Time
- Length of Transmission
- HARQ Related Information
- Channelization Code

Uplink of User J

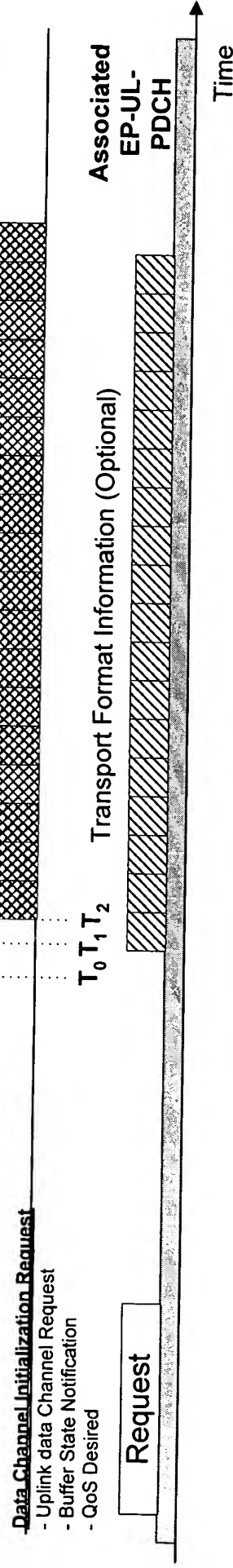


Fig. 3 EP-UL Packet Transfer Protocol

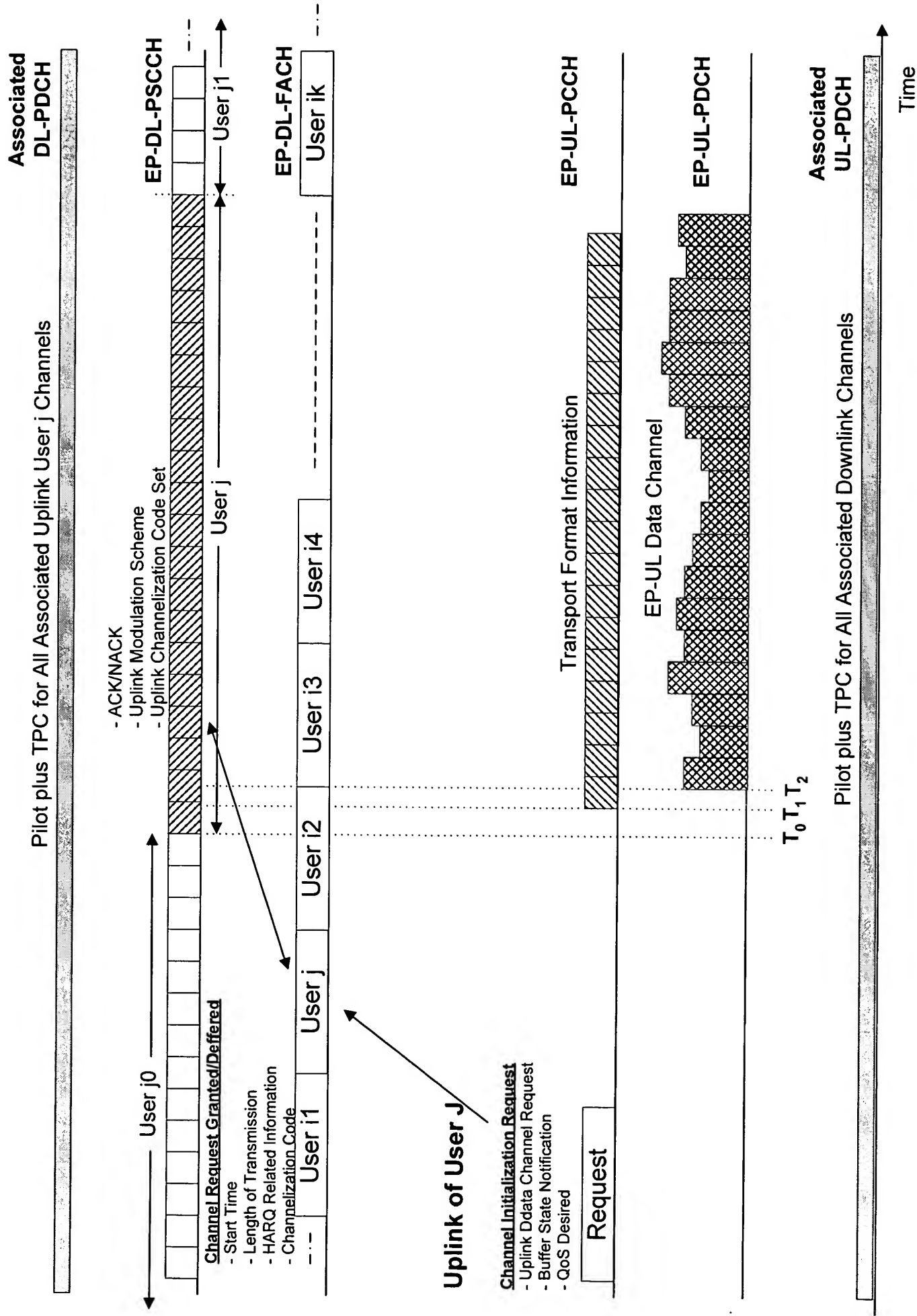


Fig. 4

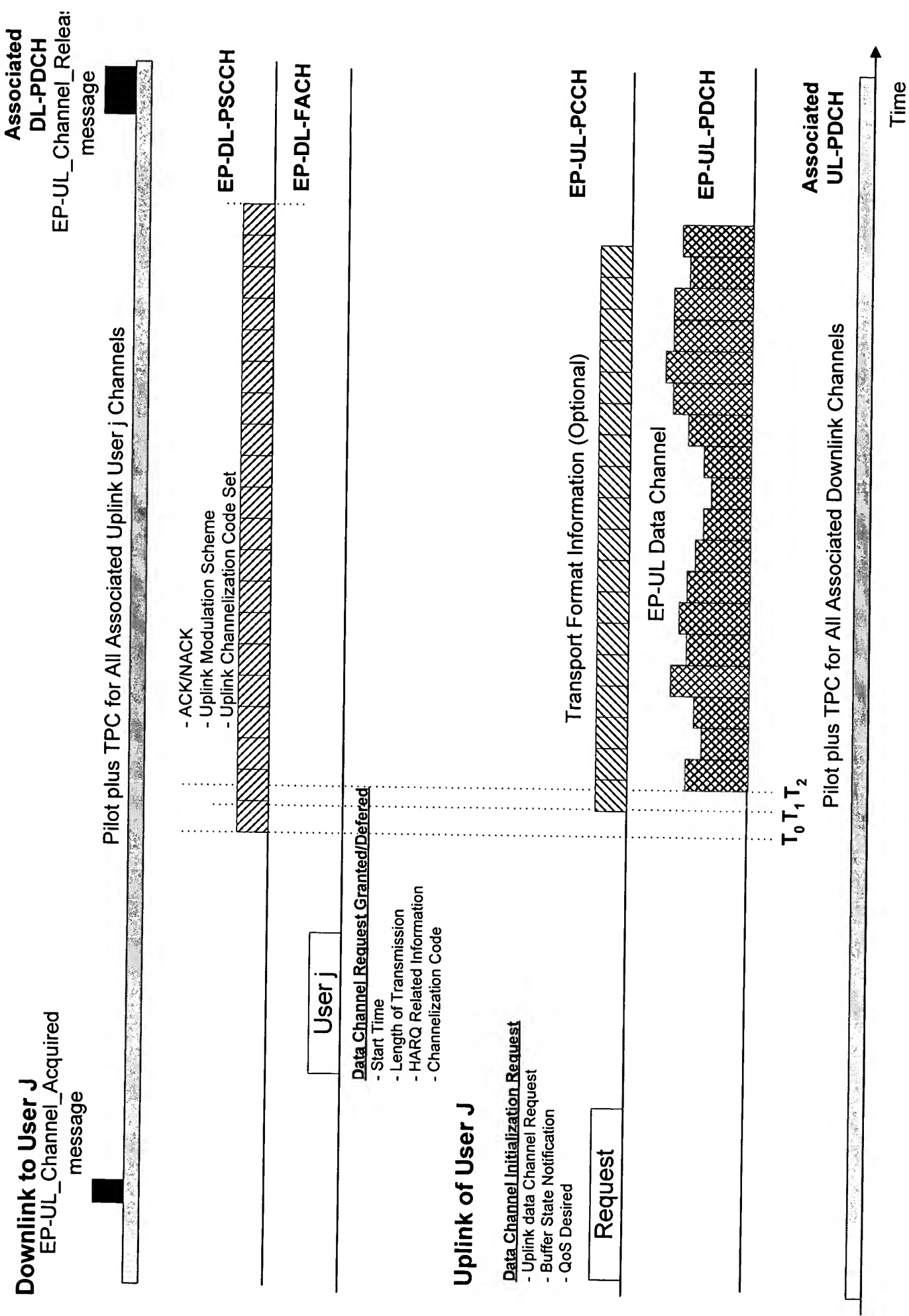
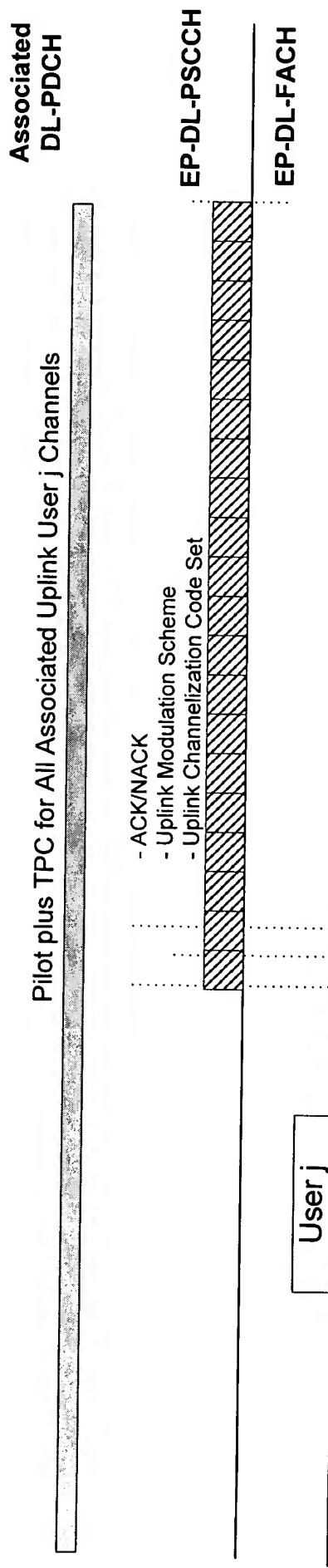


Fig 5

Downlink to User J



Data Channel Request Granted/Deferred

- Start Time
- Length of Transmission
- HARQ Related Information
- Channelization Code

Uplink of User J

Data Channel Initialization Request

- Uplink data Channel Request
- Buffer State Notification
- QoS Desired

Request

Transport Format Information (Optional)

EP-UL Data Channel

EP-UL-PDCH

$T_0 T_1 T_2$

Pilot plus TPC for All Associated Downlink Channels

Associated UL-PDCH

Time

Fig 6

Downlink to User J

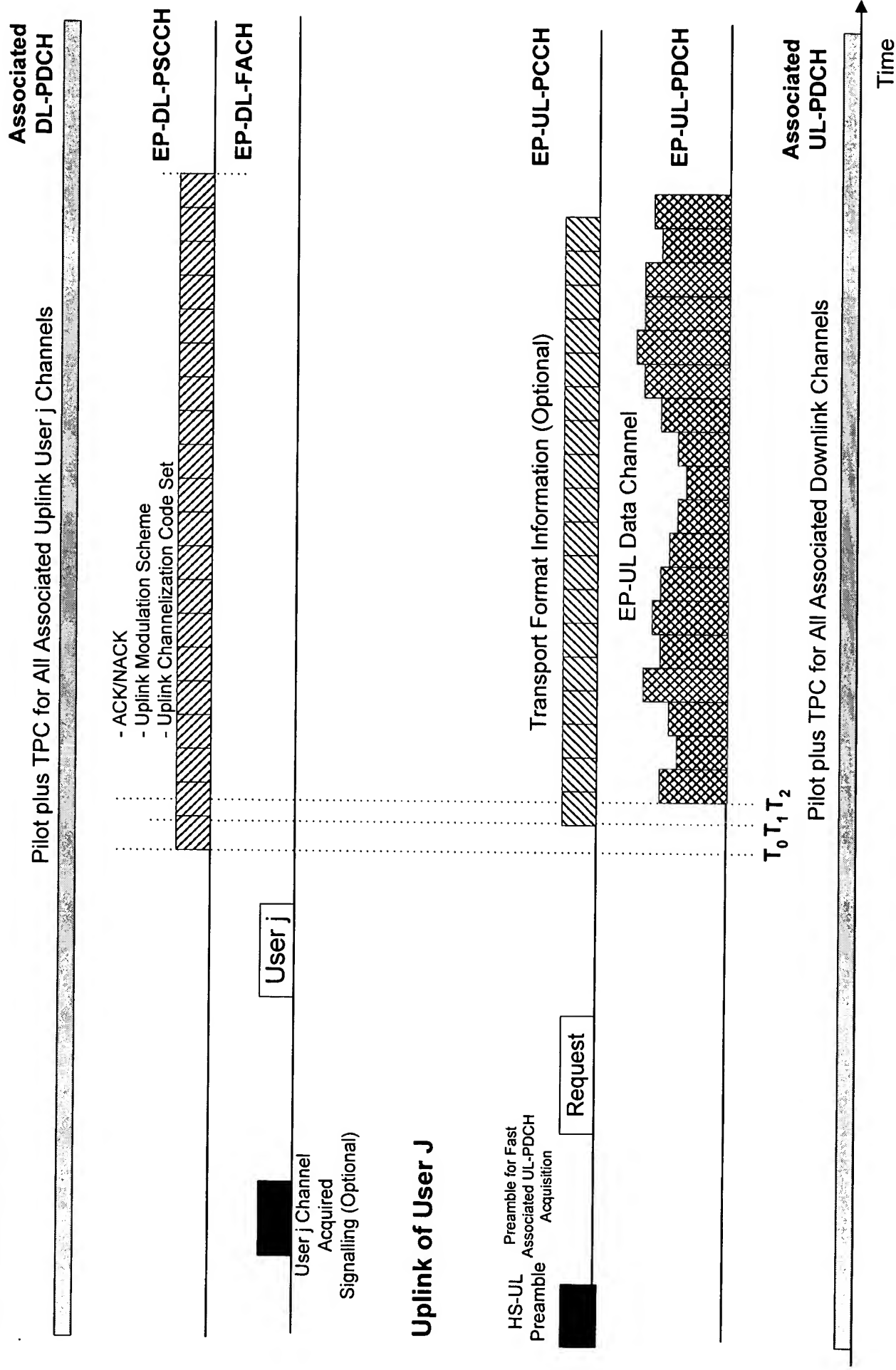


Fig. 7

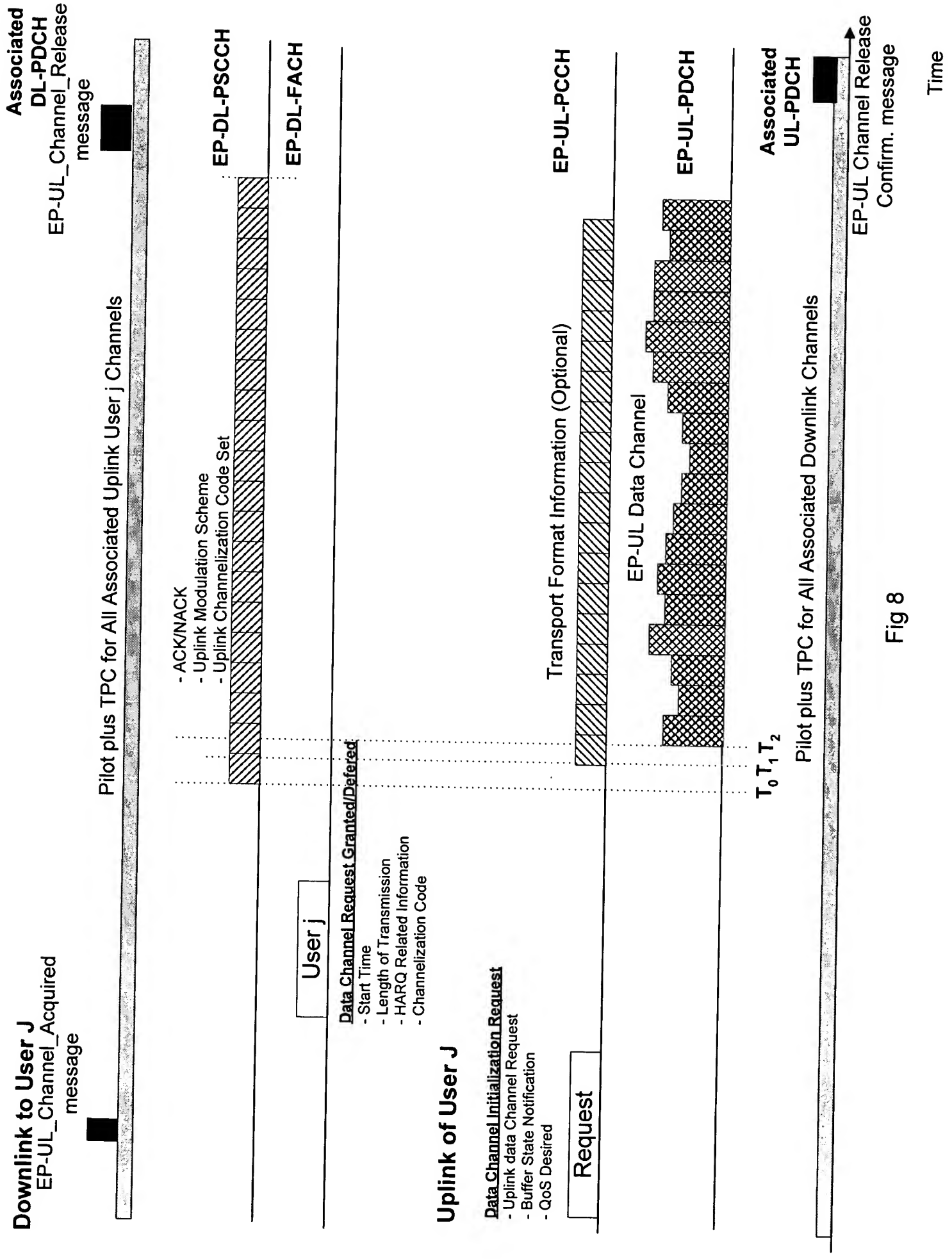


Fig 8

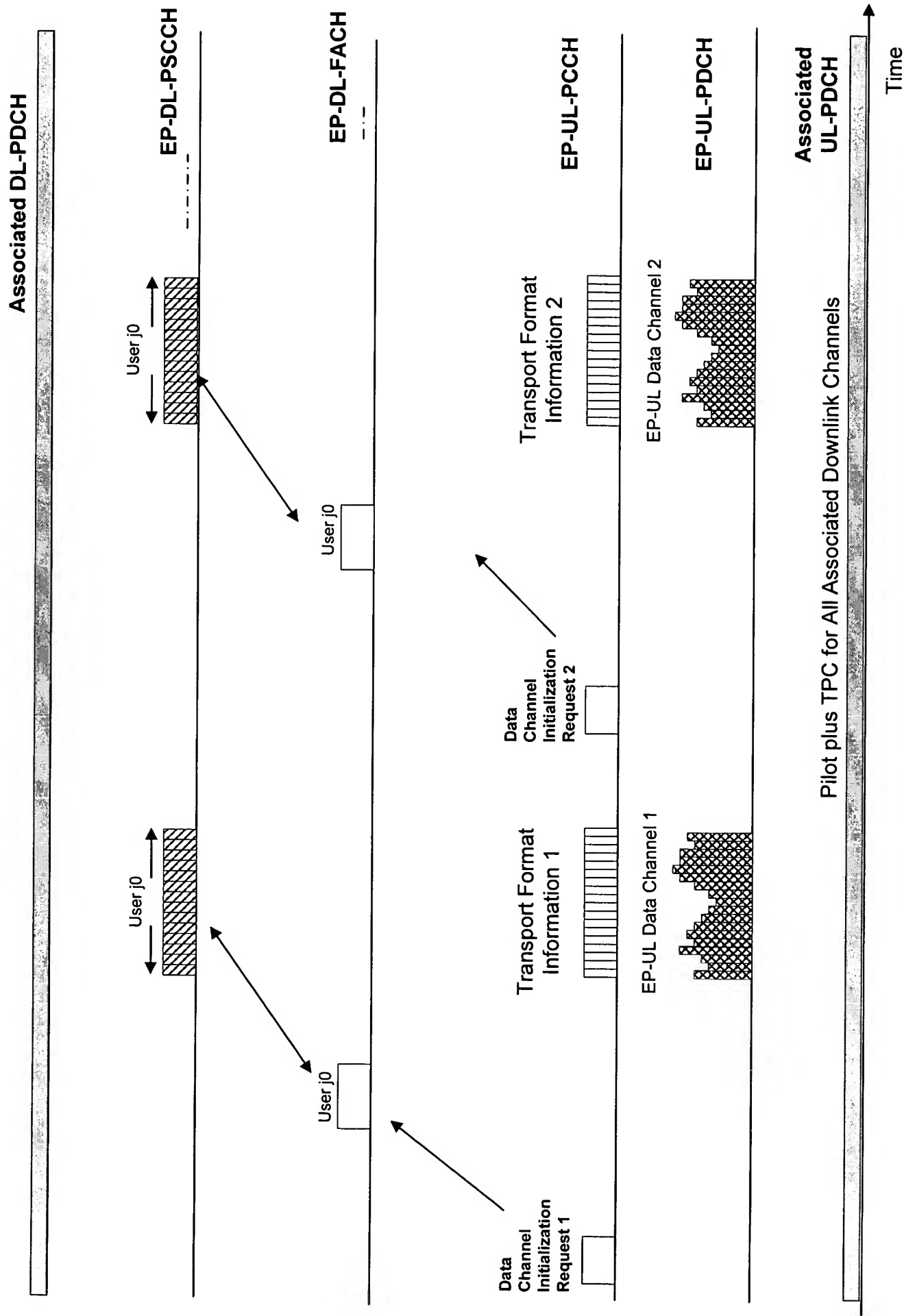


Fig 9

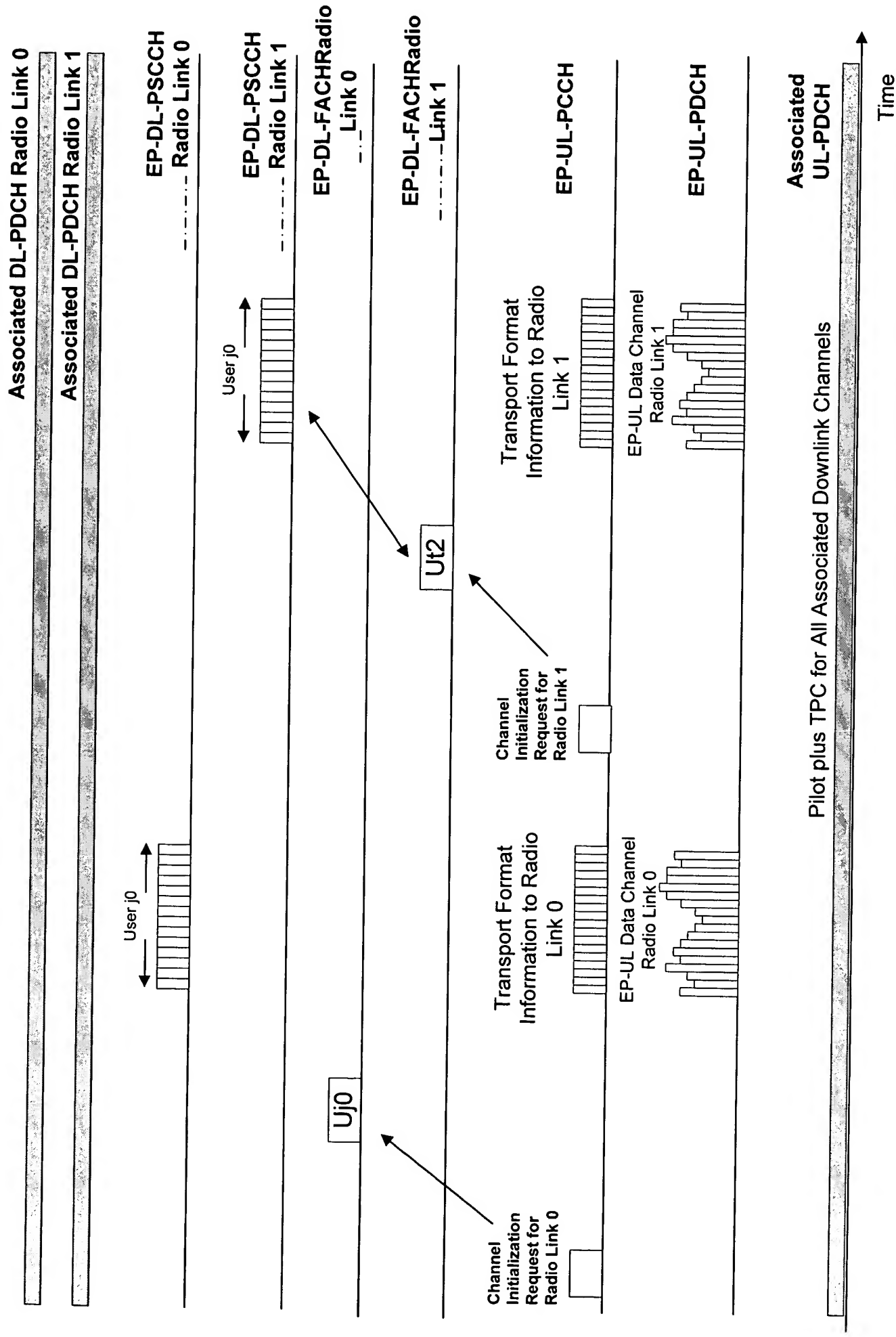


Fig 9a

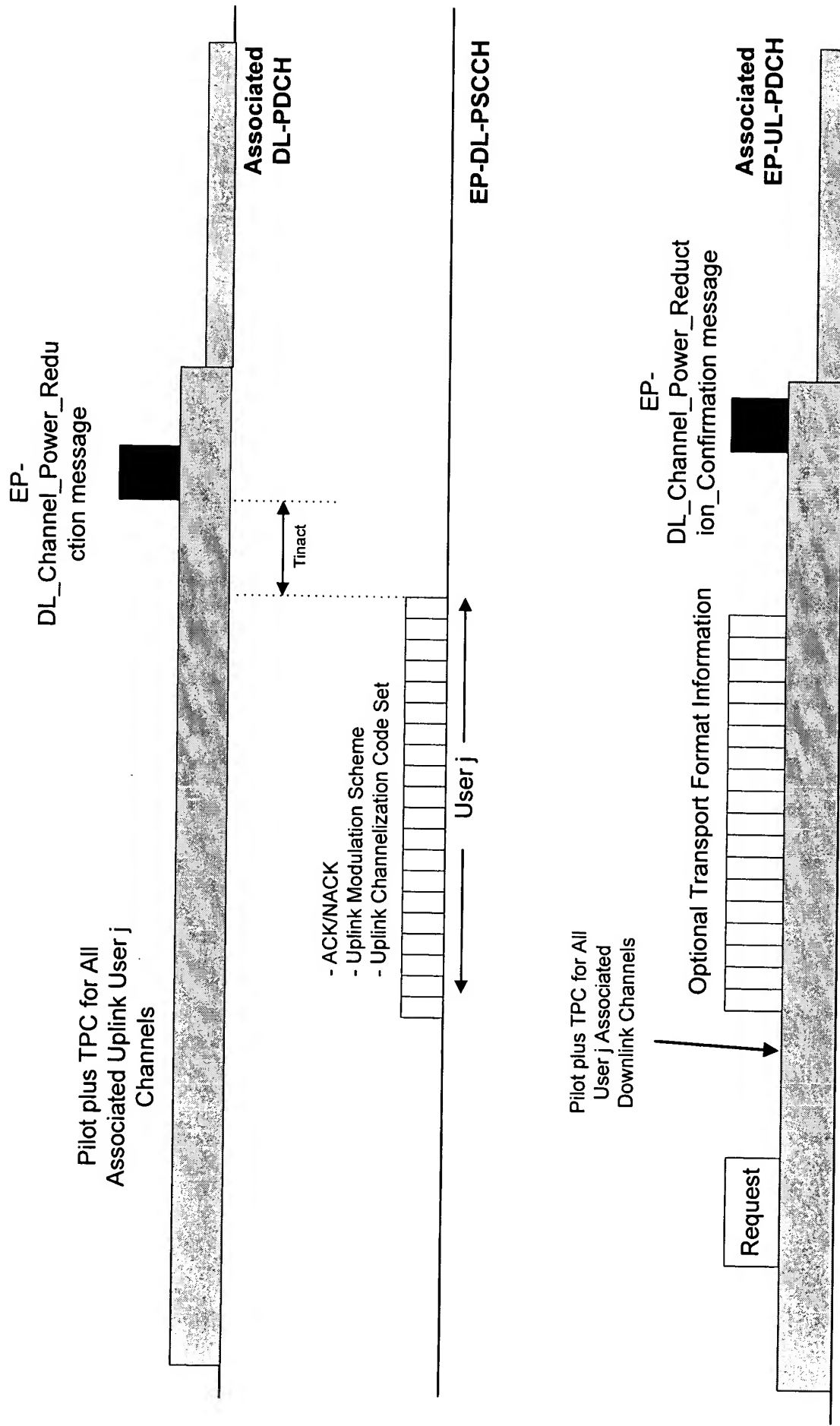


Fig 10

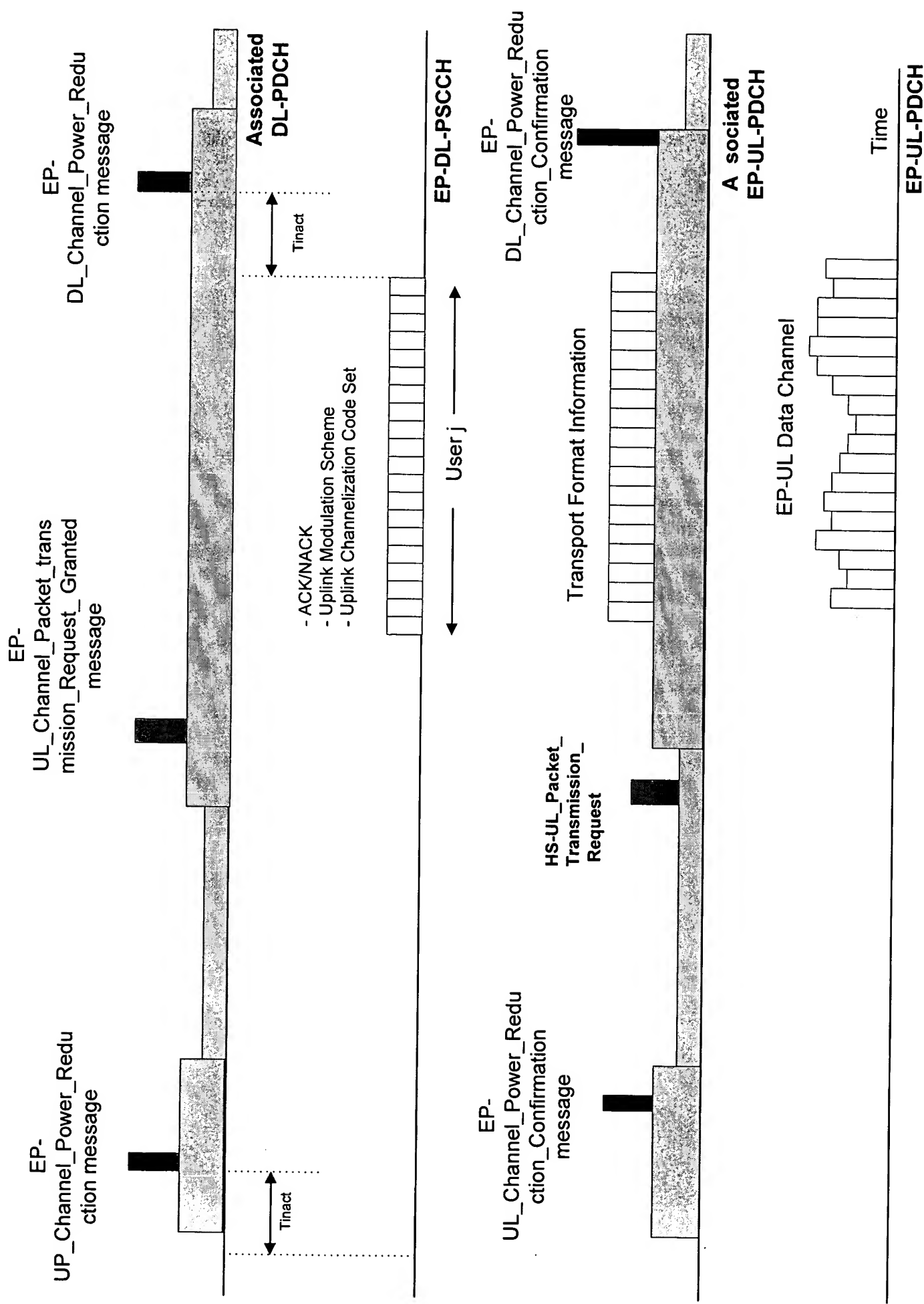


Fig 11

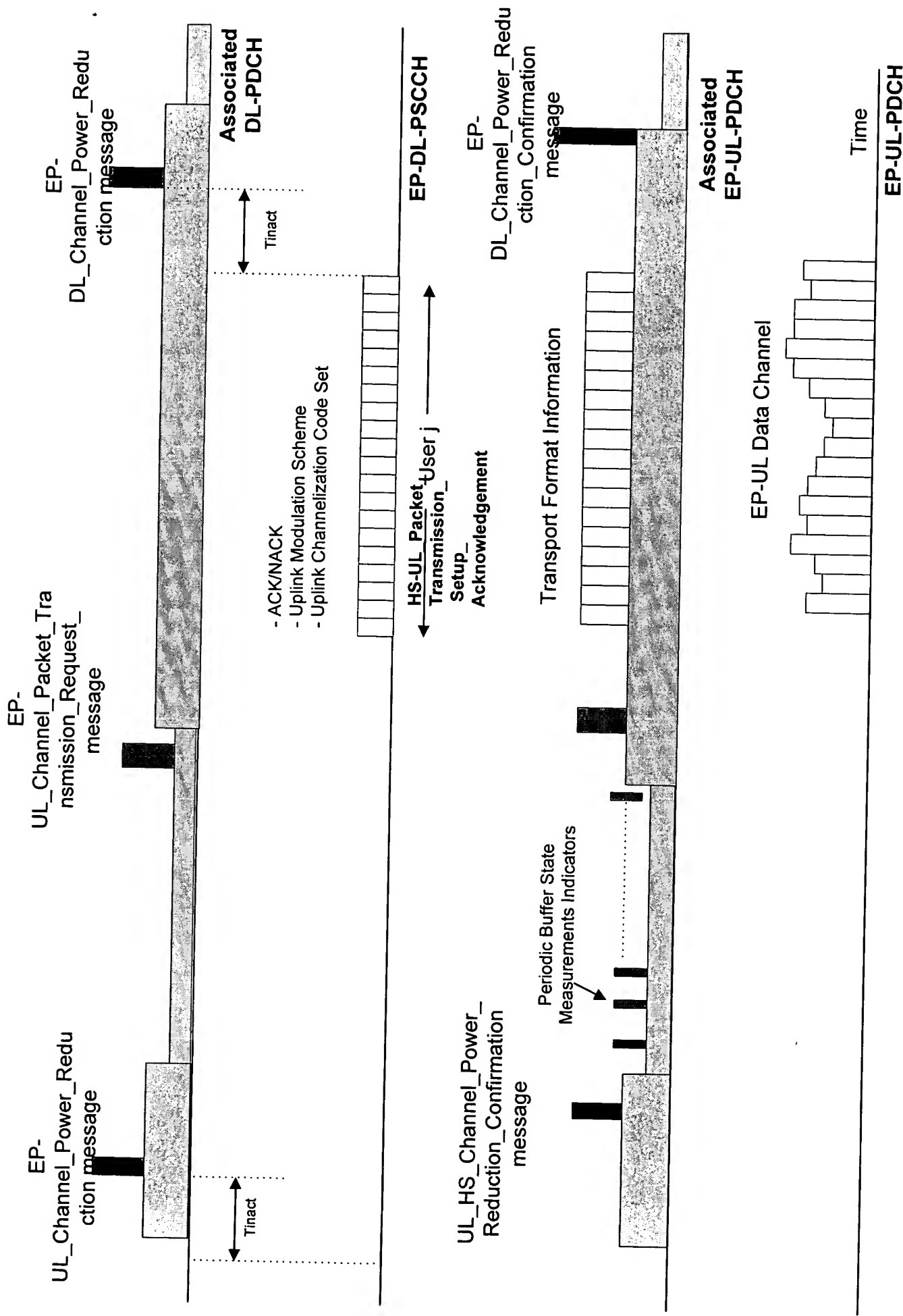


Fig 12

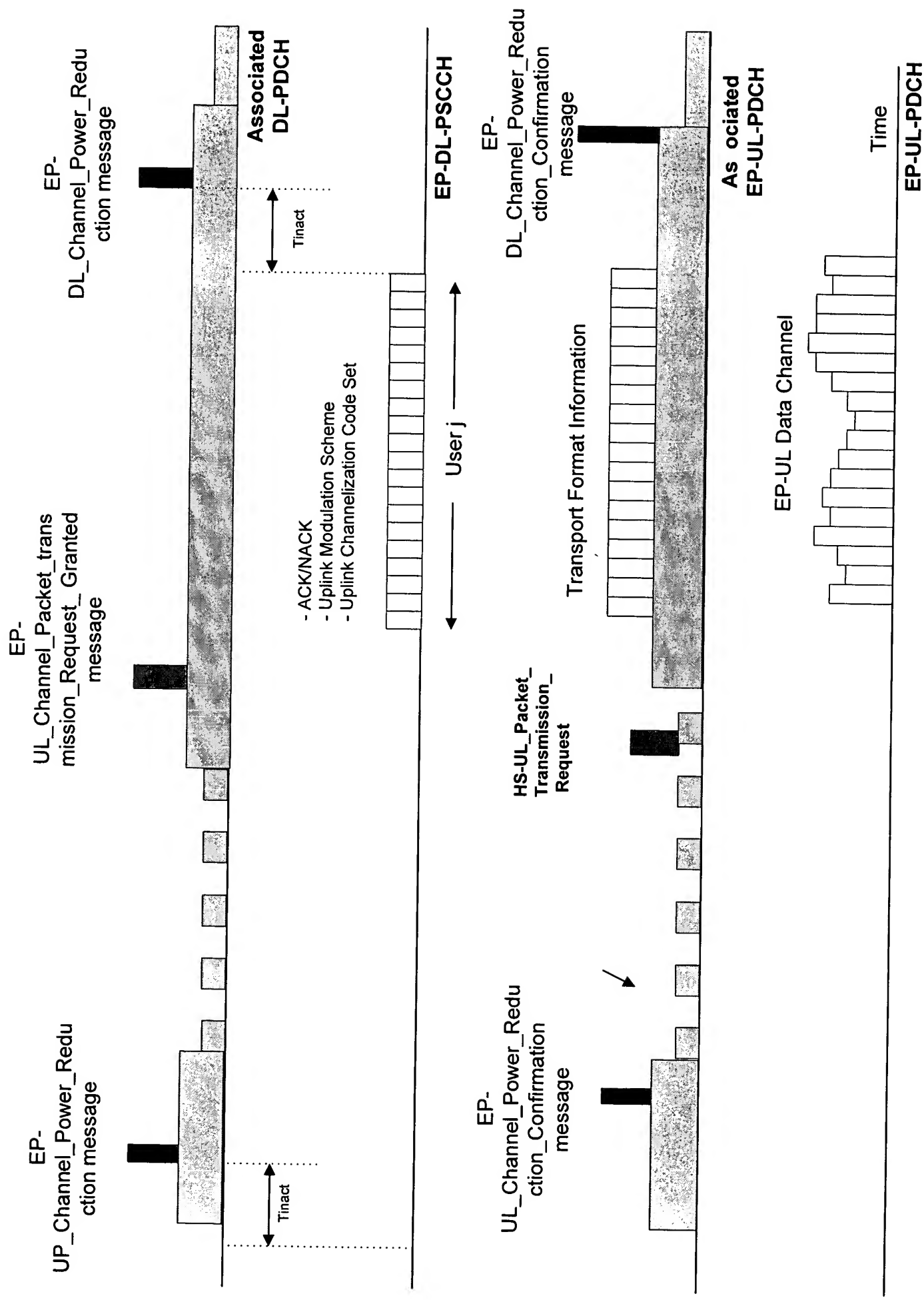


Fig 13

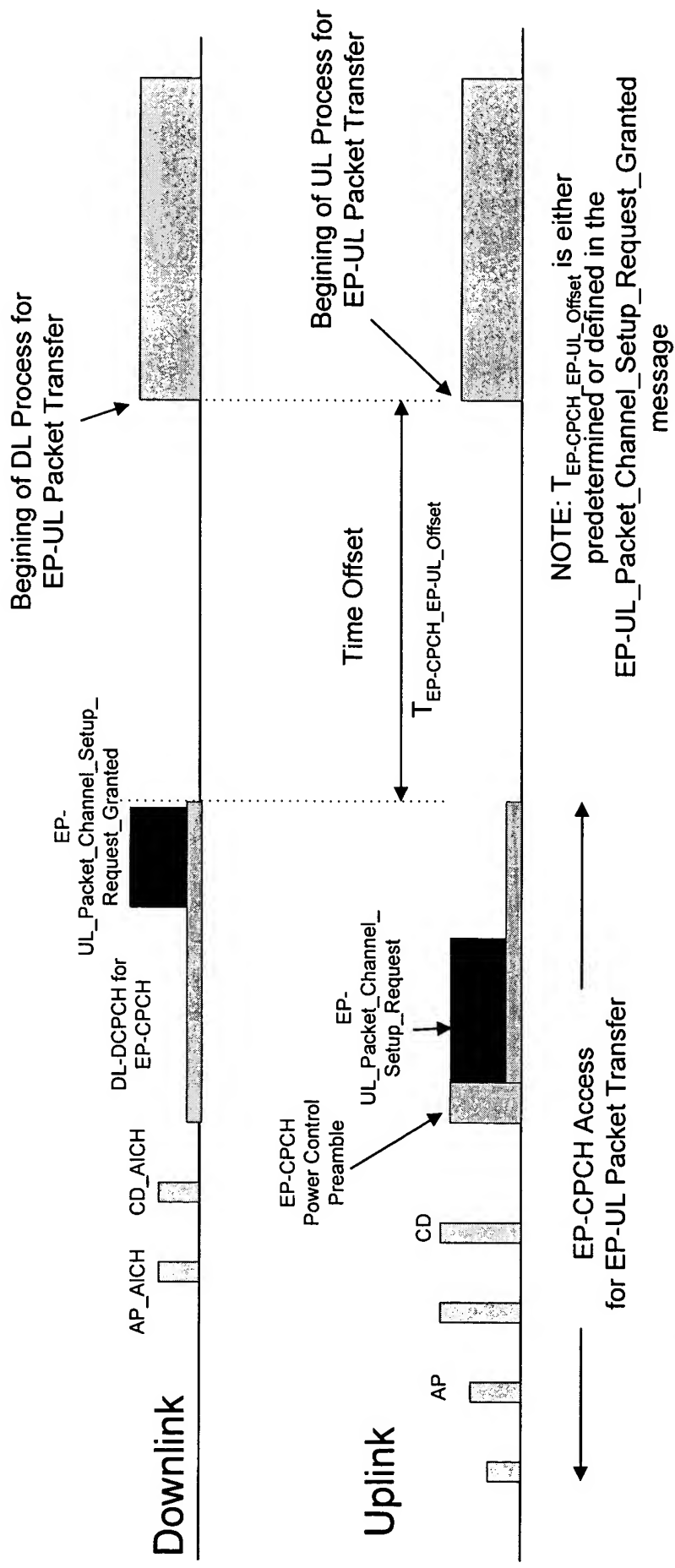


Fig. 14 EP-UL Packet Transfer Protocol (PTP) Using EP-CPCH for Initial Procedure Setup.

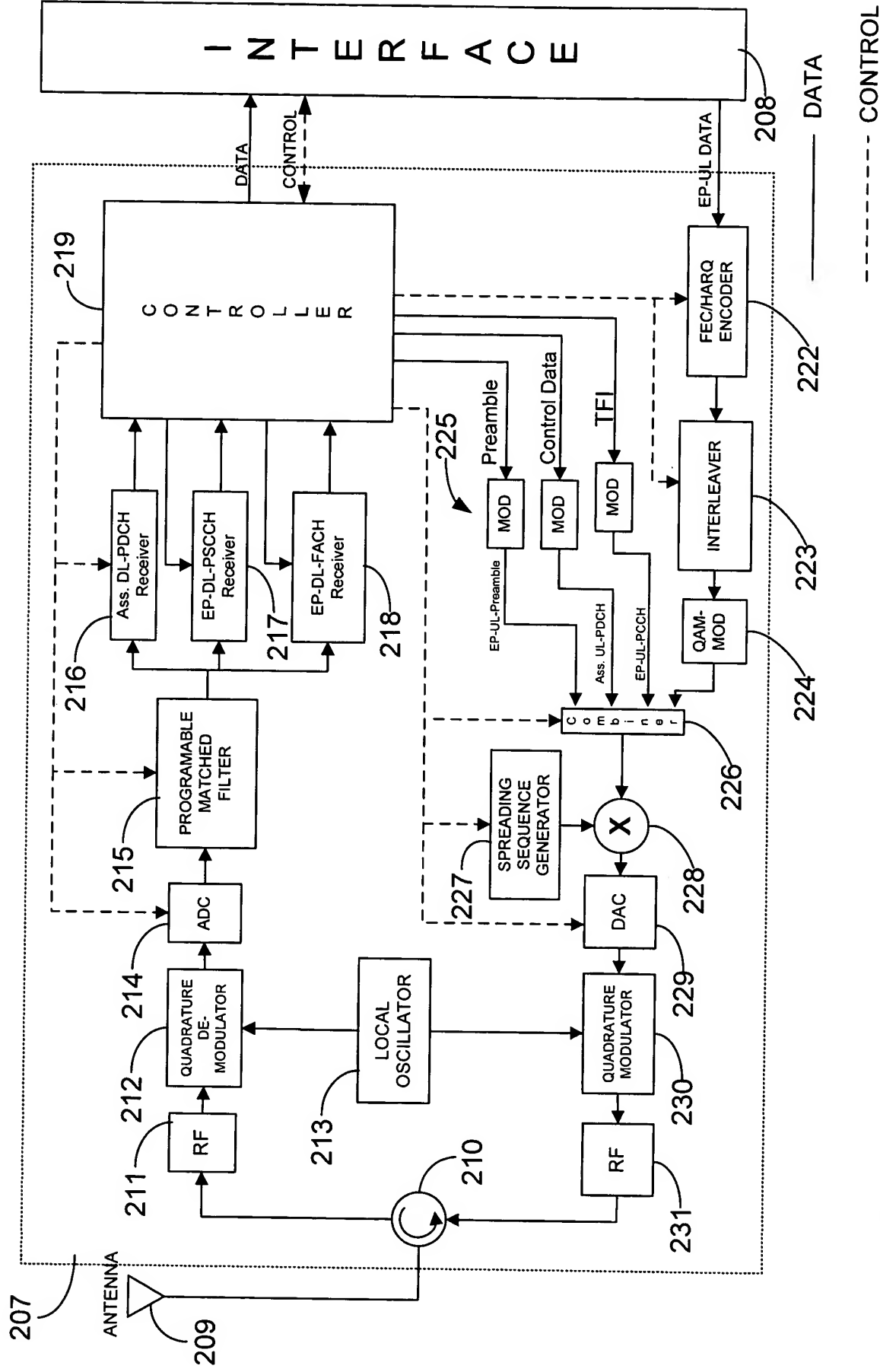


Fig. 15 Remote Station Transceiver for Enhanced Uplink Packet Communications.

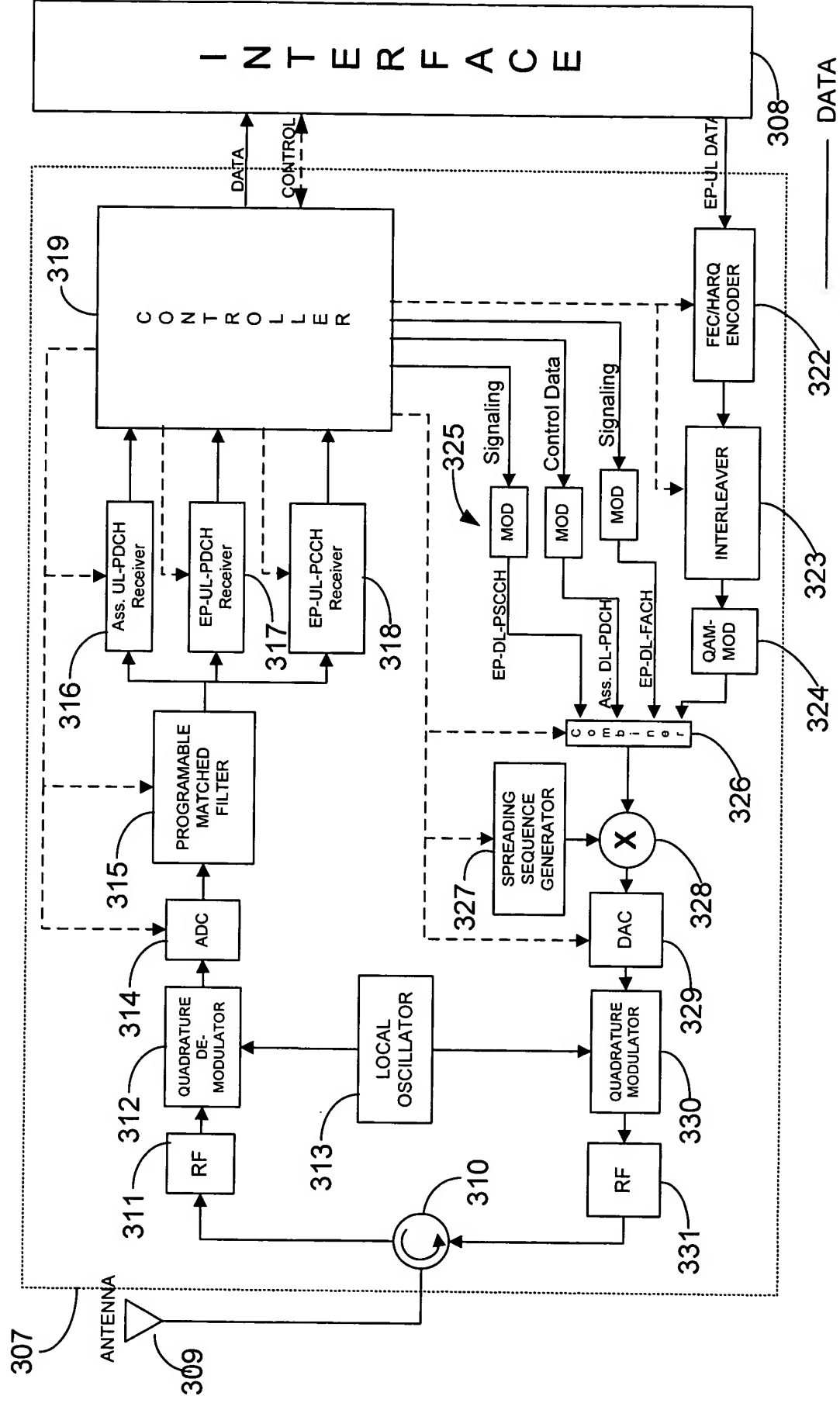
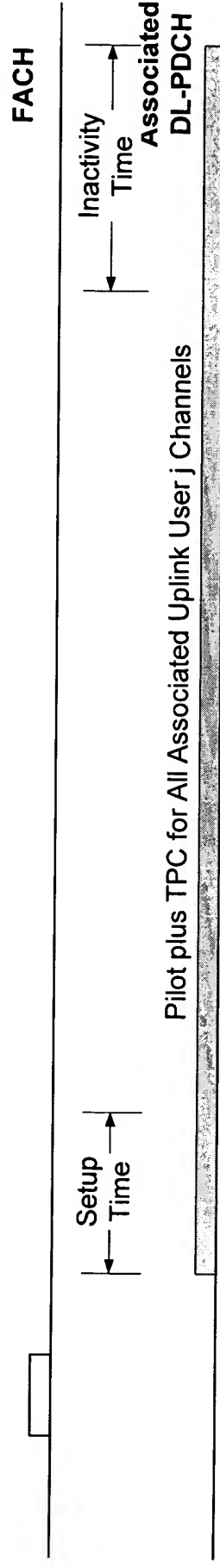


Fig. 16 Base Station (Node-B) Transceiver for Enhanced Uplink Packet Communications.

Downlink to User J



Uplink of User J

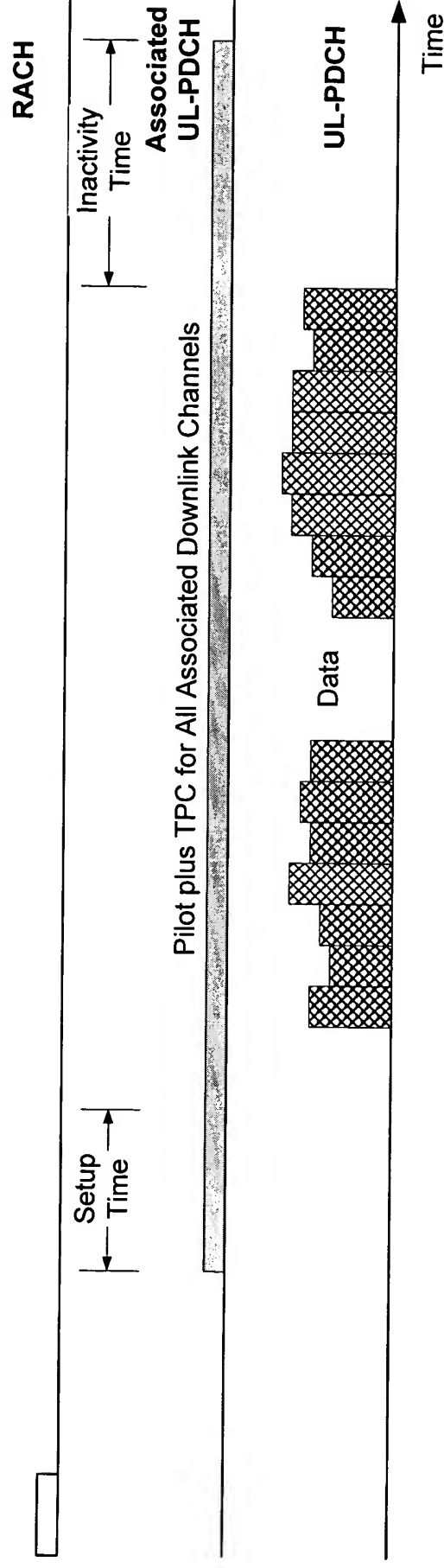


FIG. 17 UL DCH Packet Transfer Protocol (Prior Art)